Microscale Organic Laboratory

with Multistep and Multiscale Syntheses

Dana W. Mayo • Ronald M. Pike • David C. Forbes

Seventh Edition



Microscale Organic Laboratory

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Microscale Organic Laboratory Dana W. Mayo, Ronald M. Pike, David C. Forbes, 2010-01-12 This is a laboratory text for the mainstream organic chemistry course taught at both two and four year schools featuring both microscale experiments and options for scaling up appropriate experiments for use in the macroscale lab It provides complete coverage of organic laboratory experiments and techniques with a strong emphasis on modern laboratory instrumentation a sharp focus on safety in the lab excellent pre and post lab exercises and multi step experiments Notable enhancements to this new edition include inquiry driven experimentation validation of the purification process and the implementation of greener processes including microwave use to perform traditional experimentation Microscale Organic Laboratory Dana W. Mayo, Ronald M. Pike, Samuel S. Butcher, 1986 A comprehensive coverage of organic chemistry experiments and techniques using milligram scale compared to the traditional multigrams scale The text is divided into seven chapters with the bulk of the techniques appearing in the first five chapters which represents one term of work Additional pre lab discussions and post lab questions and reports are included Microscale Techniques for the Organic Laboratory Dana W. Mayo, Peter K. Trumper, Ronald M. Pike, 2001-06-29 Written for the mainstream sophomore junior level Organic Chemistry course offered at both two and four year schools this manual focuses upon implementing microscale techniques into the laboratory **Laboratory** Dana W. Mayo, 2001 Microscale Techniques for the Organic Laboratory DW Mayo, 2001-06-15 Written for the mainstream sophomore junior level Organic Chemistry course offered at both two and four year schools this manual focuses upon implementing microscale techniques into the laboratory **Techniques Labs for Macroscale and** Microscale Organic Experiments Kenneth L. Williamson, Katherine M. Masters, 2012-07-24 Succeed in your organic laboratory course with TECHNIOUES LABS FOR MACROSCALE AND MICROSCALE ORGANIC EXPERIMENTS Sixth Edition This proven authoritative manual emphasizes safety and features new experiments that stress greener chemistry as well as updated NMR spectra and a Premium Website that includes glassware specific videos with pre lab gradable exercises Using the manual s mix of macroscale and microscale experiments you ll gain the knowledge and confidence you need to perform a wide variety of experiments as well as experience working with conventionally sized glassware Important Notice Media content referenced within the product description or the product text may not be available in the ebook version

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